



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of:

Betts *et al.*

Serial No.: 09/638,924

Filed: August 15, 2000

For: Method and Apparatus for Reducing  
Transmission Errors Caused by Periodic  
Transients in Digital Subscriber Line (DSL)  
Communication Systems

Group Art Unit: 2637

Examiner: Ghulamali, Qutbuddin

Docket No.: 061607-1260

**FIFTH RESPONSE**  
**(WITH AMENDMENTS)**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants submit the following amendments and remarks to the final Office Action mailed from the United States Patent and Trademark Office on July 12, 2006 (Paper No. 20050628).

**AUTHORIZATION TO DEBIT ACCOUNT**

It is not believed that additional fees are required, beyond those which may otherwise be provided for in the documents accompanying this paper. However, in the event that additional fees are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net additions of claims) are hereby authorized to be charged to Paradyne Corporation's Deposit Account No. 16-0255.



ITW  
AF

## CERTIFICATE OF MAILING

I hereby certify that the below listed items are being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

**Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

on Sept. 7, 2005.

Anne Antonoff  
Anne Antonoff

In Re Application of:

Betts et al.

Serial No.: 09/638,924

Filed: August 15, 2000

Confirmation No.: 9164

Group Art Unit: 2637

Examiner: Ghulamali, Qutbuddin

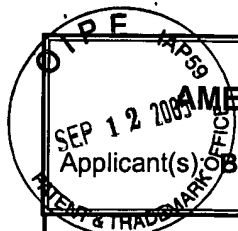
Docket No.: 061607-1260

**For: Method and Apparatus for Reducing Transmission Errors Caused by Periodic Transients in Digital Subscriber Line (DSL) Communication Systems**

The following is a list of documents enclosed:

Return Postcard  
Amendment Transmittal Letter  
Fifth Response (with Amendments)

Further, the Commissioner is authorized to charge Deposit Account No. 16-0255 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 16-0255.

**AMENDMENT TRANSMITTAL LETTER (LARGE)**Applicant(s) **Obetts et al.**

Docket No.

**061607-1260**Serial No.  
**09/638,924**Filing Date  
**August 15, 2000**Examiner  
**Ghulamali, Qutbuddin**Confirmation No.  
**9164**Group Art Unit  
**2637**Invention: **Method and Apparatus for Reducing Transmission Errors Caused by Periodic Transients in Digital Subscriber Line (DSL) Communication Systems****Commissioner for Patents  
Mail Stop AF  
P.O. Box 1450  
Alexandria VA 22313-1450**


Transmitted herewith is Fifth Response (with Amendments) in the above-identified application.

The fee has been calculated and is transmitted as shown below

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	22 -	52 =	0	X \$50.00	\$
INDEP. CLAIMS	3 -	14 =		X \$200.00	\$
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>				\$360.00	\$
EXTENSION FEE	1 <sup>ST</sup> MONTH <input type="checkbox"/> \$120.00	2 <sup>ND</sup> MONTH <input type="checkbox"/> \$450.00	3 <sup>RD</sup> MONTH <input type="checkbox"/> \$1,020.00	4 <sup>TH</sup> MONTH <input type="checkbox"/> \$1,590.00	\$
Other Fees:					\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$

- ☒ No additional fee is required.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_.
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed. A duplicate copy of this page is enclosed.
- ☐ A Credit Card Payment Form PTO-2038 is attached in the amount of \$ \_\_\_\_\_.
- ☒ The Director is hereby authorized to charge any deficiencies of the above fees or credit any overpayment to Deposit Account No. 16-0255.

  
**Karen G. Hazzah, Reg. No. 48,472**Sept. 7, 2005  
Date